

010104



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200  
Fax 613 632-5246

DAS  
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9-88

**D4812-041**  
**Job Sheet 190945**



Part No: D4812-041

Job Qty: 4 pcs

Part Name: Patient Stop Assembly



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 2/20/19

Job Tracking No:

Due Date: 3/5/19

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: DWG REV B IPP REV:A 13.05.21 AS PER DWG REV.A VERF:JLM IPP REV:B 16.04.19 AS PER DWG REV.B VERF:JLM

Ship Via:

### Bill of Materials

### Job Routing

| Op No | Operation           | Qty   | Start Date | Due Date | Standard  |         | Workcenter/Supplier   |           | Sign-off    |
|-------|---------------------|-------|------------|----------|-----------|---------|-----------------------|-----------|-------------|
|       |                     |       |            |          | Setup Hrs | Run Hrs | Workcenter / Supplier | Lead Time |             |
| 100   | Waterjet - Flow - 1 | 4 pcs |            | 3/5/19   | 0.00      | 1.06    | Waterjet - Flow       |           | 02/19/05/08 |
| 110   | QC 2                | 4 pcs |            | 3/5/19   | 0.00      | 0.00    | QC 2 - 1              |           |             |
|       |                     |       |            |          |           |         | QC 2 - 12             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 14             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 17             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 19             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 2              |           |             |
|       |                     |       |            |          |           |         | QC 2 - 20             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 22             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 23             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 25             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 32             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 33             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 35             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 39             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 4              |           |             |
|       |                     |       |            |          |           |         | QC 2 - 40             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 44             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 45             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 48             |           | 02/19/05/08 |
|       |                     |       |            |          |           |         | QC 2 - 49             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 50             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 51             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 52             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 54             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 56             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 57             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 62             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 63             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 8              |           |             |

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|                                    |          |        |           |                           |  |
|------------------------------------|----------|--------|-----------|---------------------------|--|
| 120 QC 8                           | 4<br>pcs | 3/5/19 | 0.00 0.00 | QC 2 - 66                 |  |
|                                    |          |        |           | QC 2 - 64                 |  |
|                                    |          |        |           | QC 8 - 12                 |  |
|                                    |          |        |           | QC 8 - 14                 |  |
|                                    |          |        |           | QC 8 - 17                 |  |
|                                    |          |        |           | QC 8 - 20                 |  |
|                                    |          |        |           | QC 8 - 25                 |  |
|                                    |          |        |           | QC 8 - 3                  |  |
|                                    |          |        |           | QC 8 - 32                 |  |
|                                    |          |        |           | QC 8 - 33                 |  |
|                                    |          |        |           | QC 8 - 35                 |  |
|                                    |          |        |           | QC 8 - 39                 |  |
|                                    |          |        |           | QC 8 - 4                  |  |
|                                    |          |        |           | QC 8 - 44                 |  |
|                                    |          |        |           | QC 8 - 45                 |  |
|                                    |          |        |           | QC 8 - 49                 |  |
|                                    |          |        |           | QC 8 - 58                 |  |
|                                    |          |        |           | QC 8 - 8                  |  |
|                                    |          |        |           | QC 8 - 9                  |  |
|                                    |          |        |           | QC 8 - 68                 |  |
|                                    |          |        |           | QC 8 - 67                 |  |
|                                    |          |        |           | QC 8 - 1 (A)              |  |
|                                    |          |        |           | QC 8 - 47                 |  |
| 130 Small Fab - 2 - B4B            | 4<br>pcs | 3/5/19 | 0.08 1.06 | Small Fab - 1 - B4B       |  |
|                                    |          |        |           | Small Fab - 2 - B4B       |  |
|                                    |          |        |           | Small Fab - 3 - B4B       |  |
|                                    |          |        |           | Small Fab - 4 - B4B       |  |
|                                    |          |        |           | Small Fab - 5 - B4B       |  |
|                                    |          |        |           | Small Fab - 6 - B4B       |  |
|                                    |          |        |           | Small Fab - 7 - B4B       |  |
| 140 QC 5                           | 4<br>pcs | 3/5/19 | 0.00 0.00 | QC 5 - 10                 |  |
|                                    |          |        |           | QC 5 - 12                 |  |
|                                    |          |        |           | QC 5 - 17                 |  |
|                                    |          |        |           | QC 5 - 18                 |  |
|                                    |          |        |           | QC 5 - 19                 |  |
|                                    |          |        |           | QC 5 - 22                 |  |
|                                    |          |        |           | QC 5 - 24                 |  |
|                                    |          |        |           | QC 5 - 3                  |  |
|                                    |          |        |           | QC 5 - 42                 |  |
|                                    |          |        |           | QC 5 - 43                 |  |
|                                    |          |        |           | QC 5 - 49                 |  |
|                                    |          |        |           | QC 5 - 51                 |  |
|                                    |          |        |           | QC 5 - 58                 |  |
|                                    |          |        |           | QC 5 - 68                 |  |
|                                    |          |        |           | QC 5 - 9                  |  |
|                                    |          |        |           | QC 5 - 50                 |  |
|                                    |          |        |           | QC 5 - 30                 |  |
| 150 Handfinish - 1-1 Chemical- B4B | 4<br>pcs | 3/5/19 | 0.00 0.46 | Handfinish - 1 - 1 - B4B  |  |
|                                    |          |        |           | Handfinish - 1 - 2 - B4B  |  |
|                                    |          |        |           | Handfinish - 1 - 3 - B4B  |  |
|                                    |          |        |           | Handfinish - 1 - 4 - B4B  |  |
|                                    |          |        |           | Handfinish - 1 - 5 - B4B  |  |
|                                    |          |        |           | Handfinish - 1 - 6 - B4B  |  |
|                                    |          |        |           | Handfinish - 1 - 7 - B4B  |  |
|                                    |          |        |           | Handfinish - 1 - 8 - B4B  |  |
|                                    |          |        |           | Handfinish - 1 - 9 - B4B  |  |
|                                    |          |        |           | Handfinish - 1 - 10 - B4B |  |
|                                    |          |        |           | Handfinish - 1 - 11 -     |  |

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|                                     |       |        |           |                      |                           |       |
|-------------------------------------|-------|--------|-----------|----------------------|---------------------------|-------|
|                                     |       |        |           |                      | B4B                       |       |
|                                     |       |        |           |                      | Handfinish - 1 - 12 - B4B |       |
|                                     |       |        |           |                      | Handfinish - 1 - 13 - B4B |       |
|                                     |       |        |           |                      | Handfinish - 1 - 14 - B4B |       |
|                                     |       |        |           |                      | Handfinish - 1 - 15 - B4B |       |
|                                     |       |        |           |                      | Handfinish - 1 - 16 - B4B |       |
|                                     |       |        |           |                      | Handfinish - 1 - 17 - B4B |       |
|                                     |       |        |           |                      | Handfinish - 1 - 18 - B4B |       |
|                                     |       |        |           |                      | Handfinish - 1 - 19 - B4B |       |
|                                     |       |        |           |                      | Handfinish - 1 - 20 - B4B |       |
|                                     |       |        |           |                      | Handfinish - 1 - 21 - B4B |       |
|                                     |       |        |           |                      | Handfinish - 1 - 22 - B4B |       |
|                                     |       |        |           |                      | 160 QC 7                  | 4 pcs |
|                                     |       |        |           | QC 7 - 13            |                           |       |
|                                     |       |        |           | QC 7 - 14            |                           |       |
|                                     |       |        |           | QC 7 - 15            |                           |       |
|                                     |       |        |           | QC 7 - 17            |                           |       |
|                                     |       |        |           | QC 7 - 18            |                           |       |
|                                     |       |        |           | QC 7 - 19            |                           |       |
|                                     |       |        |           | QC 7 - 2             |                           |       |
|                                     |       |        |           | QC 7 - 28            |                           |       |
|                                     |       |        |           | QC 7 - 3             |                           |       |
|                                     |       |        |           | QC 7 - 30            |                           |       |
|                                     |       |        |           | QC 7 - 34            |                           |       |
|                                     |       |        |           | QC 7 - 36            |                           |       |
|                                     |       |        |           | QC 7 - 37            |                           |       |
|                                     |       |        |           | QC 7 - 41            |                           |       |
|                                     |       |        |           | QC 7 - 47            |                           |       |
|                                     |       |        |           | QC 7 - 48            |                           |       |
|                                     |       |        |           | QC 7 - 51            |                           |       |
|                                     |       |        |           | QC 7 - 58            |                           |       |
|                                     |       |        |           | QC 7 - 59            |                           |       |
|                                     |       |        |           | QC 7 - 6             |                           |       |
|                                     |       |        |           | QC 7 - 60            |                           |       |
|                                     |       |        |           | QC 7 - 9             |                           |       |
|                                     |       |        |           | QC 7 - 68            |                           |       |
|                                     |       |        |           | QC 7 - 50            |                           |       |
|                                     |       |        |           | QC 7 - 67            |                           |       |
| 170 Powdercoat - 1 White Gl(A)- B4B | 4 pcs | 3/5/19 | 0.00 0.34 | Powdercoat - 1 - B4B |                           |       |
| START: 8:00 O.T: 3.30 FINISH: 8:30  |       |        |           | Powdercoat - 2 - B4B |                           |       |
|                                     |       |        |           | Powdercoat - 3 - B4B |                           |       |
|                                     |       |        |           | Powdercoat - 4 - B4B |                           |       |
|                                     |       |        |           |                      |                           |       |
| 180 QC 3                            | 4 pcs | 3/5/19 | 0.00 0.00 | QC 3 - 10            |                           |       |
|                                     |       |        |           | QC 3 - 13            |                           |       |
|                                     |       |        |           | QC 3 - 15            |                           |       |
|                                     |       |        |           | QC 3 - 17            |                           |       |
|                                     |       |        |           | QC 3 - 18            |                           |       |
|                                     |       |        |           | QC 3 - 2             |                           |       |
|                                     |       |        |           | QC 3 - 26            |                           |       |
|                                     |       |        |           | QC 3 - 28            |                           |       |

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|     |                             |          |        |      |      |                                             |  |                   |                   |
|-----|-----------------------------|----------|--------|------|------|---------------------------------------------|--|-------------------|-------------------|
|     |                             |          |        |      |      | QC 3 - 3                                    |  | DAS<br>30<br>9-89 | JUN 03 2019       |
|     |                             |          |        |      |      | QC 3 - 30                                   |  |                   |                   |
|     |                             |          |        |      |      | QC 3 - 34                                   |  |                   |                   |
|     |                             |          |        |      |      | QC 3 - 36                                   |  |                   |                   |
|     |                             |          |        |      |      | QC 3 - 41                                   |  |                   |                   |
|     |                             |          |        |      |      | QC 3 - 51                                   |  |                   |                   |
|     |                             |          |        |      |      | QC 3 - 58                                   |  |                   |                   |
|     |                             |          |        |      |      | QC 3 - 59                                   |  |                   |                   |
|     |                             |          |        |      |      | QC 3 - 6                                    |  |                   |                   |
|     |                             |          |        |      |      | QC 3 - 68                                   |  |                   |                   |
|     |                             |          |        |      |      | QC 3 - 9                                    |  |                   |                   |
| 190 | Small Fab - 3 - B4B         | 4<br>pcs | 3/5/19 | 0.00 | 1.06 | Small Fab - 1 - B4B                         |  |                   |                   |
|     |                             |          |        |      |      | Small Fab - 2 - B4B                         |  |                   |                   |
|     |                             |          |        |      |      | Small Fab - 3 - B4B                         |  |                   |                   |
|     |                             |          |        |      |      | Small Fab - 4 - B4B                         |  |                   | JUN 03 2019       |
|     |                             |          |        |      |      | Small Fab - 5 - B4B                         |  |                   |                   |
|     |                             |          |        |      |      | Small Fab - 6 - B4B                         |  |                   |                   |
|     |                             |          |        |      |      | Small Fab - 7 - B4B                         |  |                   |                   |
| 200 | QC 5                        | 4<br>pcs | 3/5/19 | 0.00 | 0.00 | QC 5 - 10                                   |  |                   |                   |
|     |                             |          |        |      |      | QC 5 - 12                                   |  |                   |                   |
|     |                             |          |        |      |      | QC 5 - 17                                   |  |                   |                   |
|     |                             |          |        |      |      | QC 5 - 18                                   |  |                   |                   |
|     |                             |          |        |      |      | QC 5 - 19                                   |  |                   |                   |
|     |                             |          |        |      |      | QC 5 - 22                                   |  |                   |                   |
|     |                             |          |        |      |      | QC 5 - 24                                   |  |                   |                   |
|     |                             |          |        |      |      | QC 5 - 3                                    |  |                   |                   |
|     |                             |          |        |      |      | QC 5 - 42                                   |  |                   |                   |
|     |                             |          |        |      |      | QC 5 - 43                                   |  |                   |                   |
|     |                             |          |        |      |      | QC 5 - 49                                   |  |                   |                   |
|     |                             |          |        |      |      | QC 5 - 51                                   |  |                   |                   |
|     |                             |          |        |      |      | QC 5 - 58                                   |  |                   |                   |
|     |                             |          |        |      |      | QC 5 - 68                                   |  |                   |                   |
|     |                             |          |        |      |      | QC 5 - 9                                    |  |                   |                   |
|     |                             |          |        |      |      | QC 5 - 50                                   |  |                   | JUN 03 2019       |
|     |                             |          |        |      |      | QC 5 - 30                                   |  |                   | DAS<br>40<br>9-89 |
| 210 | Packaging 3-1 - Stock - B4B | 4<br>pcs | 3/5/19 | 0.00 | 0.00 | Packaging 3 - 1 - B4B                       |  |                   |                   |
|     |                             |          |        |      |      | Packaging 3 - 2 - B4B                       |  |                   |                   |
|     |                             |          |        |      |      | Packaging 3 - 3 - B4B                       |  |                   |                   |
|     |                             |          |        |      |      | Packaging 3 - 4 - B4B                       |  |                   |                   |
|     |                             |          |        |      |      | Packaging 3 - 5 - B4B                       |  |                   | DAS               |
|     |                             |          |        |      |      | Packaging 3 - 6 - B4B                       |  |                   | 20                |
|     |                             |          |        |      |      | Packaging 3 - 7 - B4B                       |  |                   | 9-89              |
|     |                             |          |        |      |      | Packaging 3 - 8 - B4B                       |  |                   |                   |
|     |                             |          |        |      |      | Packaging 3 - 9 - B4B                       |  |                   |                   |
|     |                             |          |        |      |      | Packaging 3 - 10 - B4B                      |  |                   |                   |
|     |                             |          |        |      |      | Packaging 3 - 11 - B4B                      |  |                   |                   |
|     |                             |          |        |      |      | Packaging 3 - 12 - B4B                      |  |                   |                   |
|     |                             |          |        |      |      | Packaging 3 - 13 - B4B                      |  |                   |                   |
|     |                             |          |        |      |      | Packaging 3 - 14 - B4B                      |  |                   |                   |
|     |                             |          |        |      |      | Packaging 3 - 15 - B4B                      |  |                   |                   |
|     |                             |          |        |      |      | Packaging 3 - 16 - B4B                      |  |                   |                   |
|     |                             |          |        |      |      | Packaging 3 - 17 - B4B                      |  |                   |                   |
|     |                             |          |        |      |      | Packaging 3 - 18 - B4B                      |  |                   |                   |
|     |                             |          |        |      |      | Packaging 3 - 19 - B4B                      |  |                   |                   |
|     |                             |          |        |      |      | Packaging 3 - 20 - B4B                      |  |                   |                   |
|     |                             |          |        |      |      | Packaging 3 - 21 - B4B                      |  |                   |                   |
|     |                             |          |        |      |      | Packaging 3 - 22 - B4B                      |  |                   |                   |
|     |                             |          |        |      |      | Packaging 3 - 23 - B4B                      |  |                   |                   |
|     |                             |          |        |      |      | Packaging 3 - 24 - B4B                      |  |                   |                   |
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|                |       |        |      |      |                        |      |
|----------------|-------|--------|------|------|------------------------|------|
|                |       |        |      |      | Packaging 3 - 25 - B4B |      |
|                |       |        |      |      | Packaging 3 - 26 - B4B |      |
|                |       |        |      |      | Packaging 3 - 27 - B4B |      |
|                |       |        |      |      | Packaging 3 - 28 - B4B |      |
|                |       |        |      |      | Packaging 3 - 29 - B4B |      |
|                |       |        |      |      | Packaging 3 - 30 - B4B |      |
|                |       |        |      |      | Packaging 3 - 31 - B4B |      |
|                |       |        |      |      | Packaging 3 - 32 - B4B |      |
|                |       |        |      |      | Packaging 3 - 33 - B4B |      |
|                |       |        |      |      | Packaging 3 - 34 - B4B |      |
|                |       |        |      |      | Packaging 3 - 35 - B4B |      |
|                |       |        |      |      | QC 21 - SA - 21        | DMS  |
|                |       |        |      |      | QC 21 - SA - 70        | 21   |
| 220 QC 21 - SA | 4 pcs | 3/5/19 | 0.00 | 0.00 | QC 21 - SA - 53        | 9-00 |

JUN 04 2019

Part Op 110 - (QC2- Inspect parts off machine FAI/FAIB)  
 Descriptions: 120 - (QC8- Inspect parts - second check)  
 130 - (Small Fab)  
 140 - (QC5- Inspect part completeness to step on W/O)  
 150 - (Chemical Conversion Coat per QSI005 4.1)  
 160 - (QC7-Inspect Chemical Conversion Coat)  
 170 - (White Gloss(Ref:4.3.5.1) per QSI005 4.3-Alum)  
 180 - (QC3- Inspect Part Finish)  
 190 - (Small Fab)  
 200 - (QC5- Inspect part completeness to step on W/O)  
 210 - (Identify as per dwg & Stock Location:\_\_\_\_\_)  
 220 - (QC21- Final Inspection - Work Order Release)

## Job BOM

| Part / Item   | Component Name     | Quantity            | Operation               | Container                   |
|---------------|--------------------|---------------------|-------------------------|-----------------------------|
| M6061T6S.063  | 6061-T6 .063 Sheet | 8.1200 sf (2.03 ea) | 100-Waterjet - Flow - 1 | 5175525                     |
| D2690-6       | Lanyard            | 8 pcs (2 ea)        | 190-Small Fab - 3 - B4B | 5176872-1x 5178-501         |
| D4811-1       | Pin, Quick Release | 8 pcs (2 ea)        | 190-Small Fab - 3 - B4B | 5170513 5166713 6x 80 97880 |
| MS21042L3     | Nut                | 8 Ea (2 ea)         | 190-Small Fab - 3 - B4B | 511086 5166712              |
| MS27039-1-07  | Screw              | 8 Ea (2 ea)         | 190-Small Fab - 3 - B4B | 5111086                     |
| NAS1149D0332J | Washer             | 24 Ea (6 ea)        | 190-Small Fab - 3 - B4B | 5156763                     |

## Job Allocations

| Operation               | Component Part | Required | Inventory | Allocated |
|-------------------------|----------------|----------|-----------|-----------|
| 100-Waterjet - Flow - 1 | M6061T6S.063   | 8        | 281       | 0         |
| 190-Small Fab - 3 - B4B | D2690-6        | 8        | 79        | 0         |
|                         | D4811-1        | 8        | 14        | 0         |
|                         | MS21042L3      | 8        | 2,451     | 0         |
|                         | MS27039-1-07   | 8        | 161       | 0         |
|                         | NAS1149D0332J  | 24       | 2,585     | 0         |

## Part Specifications

Specifications could not be found.

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Entered: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. \_\_\_\_\_

Route update only ☐

|                                                                                                                                                                                                                                                                                                                                                                                     |                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                     |  |                                          |                                        |                                           |                                           |                                  |                                                |                                        |                                            |                                   |                                    |                                          |                                  |                                 |                                               |                               |                                 |                                                       |                                                          |                                             |                                            |                                        |                                      |                                          |                                  |                                     |                                       |                                         |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------|--|------------------------------------------|----------------------------------------|-------------------------------------------|-------------------------------------------|----------------------------------|------------------------------------------------|----------------------------------------|--------------------------------------------|-----------------------------------|------------------------------------|------------------------------------------|----------------------------------|---------------------------------|-----------------------------------------------|-------------------------------|---------------------------------|-------------------------------------------------------|----------------------------------------------------------|---------------------------------------------|--------------------------------------------|----------------------------------------|--------------------------------------|------------------------------------------|----------------------------------|-------------------------------------|---------------------------------------|-----------------------------------------|--|
| <b>Job:</b> _____<br><b>Part No.</b> _____                                                                                                                                                                                                                                                                                                                                          |                                                          | <b>DISPOSITION</b><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                            | <b>DEPARTMENT/PROCESS</b><br>Skid-tube <input type="checkbox"/> Cross tube <input type="checkbox"/> Eng. (Non-AW) <input type="checkbox"/> Engineering <input type="checkbox"/><br>Machining <input type="checkbox"/> Small Fab <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Water Jet <input type="checkbox"/><br>Large Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/><br>Quality <input type="checkbox"/> |  |                     |  |                                          |                                        |                                           |                                           |                                  |                                                |                                        |                                            |                                   |                                    |                                          |                                  |                                 |                                               |                               |                                 |                                                       |                                                          |                                             |                                            |                                        |                                      |                                          |                                  |                                     |                                       |                                         |  |
| <b>Date :</b> _____                                                                                                                                                                                                                                                                                                                                                                 |                                                          | <b>Sequence #:</b> _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                            | <b>QTY Affected :</b> _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | <b>MRB (QSI042)</b> |  |                                          |                                        |                                           |                                           |                                  |                                                |                                        |                                            |                                   |                                    |                                          |                                  |                                 |                                               |                               |                                 |                                                       |                                                          |                                             |                                            |                                        |                                      |                                          |                                  |                                     |                                       |                                         |  |
| <b>Description Work Order Deviation</b>                                                                                                                                                                                                                                                                                                                                             |                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                            | <b>Disposition</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                     |  |                                          |                                        |                                           |                                           |                                  |                                                |                                        |                                            |                                   |                                    |                                          |                                  |                                 |                                               |                               |                                 |                                                       |                                                          |                                             |                                            |                                        |                                      |                                          |                                  |                                     |                                       |                                         |  |
|                                                                                                                                                                                                                                                                                                                                                                                     |                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                            | <b>Completed By</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                     |  |                                          |                                        |                                           |                                           |                                  |                                                |                                        |                                            |                                   |                                    |                                          |                                  |                                 |                                               |                               |                                 |                                                       |                                                          |                                             |                                            |                                        |                                      |                                          |                                  |                                     |                                       |                                         |  |
|                                                                                                                                                                                                                                                                                                                                                                                     |                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                            | <b>Lead hand / Supervisor</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                     |  |                                          |                                        |                                           |                                           |                                  |                                                |                                        |                                            |                                   |                                    |                                          |                                  |                                 |                                               |                               |                                 |                                                       |                                                          |                                             |                                            |                                        |                                      |                                          |                                  |                                     |                                       |                                         |  |
|                                                                                                                                                                                                                                                                                                                                                                                     |                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                            | <b>QC / QA Coordinator</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                     |  |                                          |                                        |                                           |                                           |                                  |                                                |                                        |                                            |                                   |                                    |                                          |                                  |                                 |                                               |                               |                                 |                                                       |                                                          |                                             |                                            |                                        |                                      |                                          |                                  |                                     |                                       |                                         |  |
| <b>Root Cause</b><br>Operator <input type="checkbox"/><br>Manufacturing Process <input type="checkbox"/><br>Equip/Tooling <input type="checkbox"/><br>Handling/Preservation <input type="checkbox"/><br>Material <input type="checkbox"/><br>Product Improvement <input type="checkbox"/><br>Process Improvement <input type="checkbox"/><br>Human Factors <input type="checkbox"/> |                                                          | <b>FAULT CATEGORY</b><br><table border="0"><tr><td><input type="checkbox"/> Pressure/Forced</td><td><input type="checkbox"/> Contamination</td><td><input type="checkbox"/> Power Loss/Surge</td><td><input type="checkbox"/> Positioned Wrong</td></tr><tr><td><input type="checkbox"/> Bending</td><td><input type="checkbox"/> Misaligned/off center</td><td><input type="checkbox"/> Folio/Program</td><td><input type="checkbox"/> Outside Tolerance</td></tr><tr><td><input type="checkbox"/> Crushing</td><td><input type="checkbox"/> BOM/Route</td><td><input type="checkbox"/> Grain Direction</td><td><input type="checkbox"/> Drawing</td></tr><tr><td><input type="checkbox"/> Cracks</td><td><input type="checkbox"/> Broken/Damage/Defect</td><td><input type="checkbox"/> Weld</td><td><input type="checkbox"/> Finish</td></tr><tr><td><input type="checkbox"/> Crimp/Kink/Ripple/Wave/Twist</td><td><input type="checkbox"/> Incomplete/Unclear Instructions</td><td><input type="checkbox"/> Wrong Stock Pulled</td><td><input type="checkbox"/> Part Lost/Missing</td></tr><tr><td><input type="checkbox"/> Marks/Chatter</td><td><input type="checkbox"/> Drill Holes</td><td><input type="checkbox"/> Out of Sequence</td><td><input type="checkbox"/> Misread</td></tr><tr><td><input type="checkbox"/> Mislabeled</td><td><input type="checkbox"/> Fit/Function</td><td><input type="checkbox"/> Off-set/Set-up</td><td></td></tr></table> |                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                     |  | <input type="checkbox"/> Pressure/Forced | <input type="checkbox"/> Contamination | <input type="checkbox"/> Power Loss/Surge | <input type="checkbox"/> Positioned Wrong | <input type="checkbox"/> Bending | <input type="checkbox"/> Misaligned/off center | <input type="checkbox"/> Folio/Program | <input type="checkbox"/> Outside Tolerance | <input type="checkbox"/> Crushing | <input type="checkbox"/> BOM/Route | <input type="checkbox"/> Grain Direction | <input type="checkbox"/> Drawing | <input type="checkbox"/> Cracks | <input type="checkbox"/> Broken/Damage/Defect | <input type="checkbox"/> Weld | <input type="checkbox"/> Finish | <input type="checkbox"/> Crimp/Kink/Ripple/Wave/Twist | <input type="checkbox"/> Incomplete/Unclear Instructions | <input type="checkbox"/> Wrong Stock Pulled | <input type="checkbox"/> Part Lost/Missing | <input type="checkbox"/> Marks/Chatter | <input type="checkbox"/> Drill Holes | <input type="checkbox"/> Out of Sequence | <input type="checkbox"/> Misread | <input type="checkbox"/> Mislabeled | <input type="checkbox"/> Fit/Function | <input type="checkbox"/> Off-set/Set-up |  |
| <input type="checkbox"/> Pressure/Forced                                                                                                                                                                                                                                                                                                                                            | <input type="checkbox"/> Contamination                   | <input type="checkbox"/> Power Loss/Surge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <input type="checkbox"/> Positioned Wrong  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                     |  |                                          |                                        |                                           |                                           |                                  |                                                |                                        |                                            |                                   |                                    |                                          |                                  |                                 |                                               |                               |                                 |                                                       |                                                          |                                             |                                            |                                        |                                      |                                          |                                  |                                     |                                       |                                         |  |
| <input type="checkbox"/> Bending                                                                                                                                                                                                                                                                                                                                                    | <input type="checkbox"/> Misaligned/off center           | <input type="checkbox"/> Folio/Program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <input type="checkbox"/> Outside Tolerance |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                     |  |                                          |                                        |                                           |                                           |                                  |                                                |                                        |                                            |                                   |                                    |                                          |                                  |                                 |                                               |                               |                                 |                                                       |                                                          |                                             |                                            |                                        |                                      |                                          |                                  |                                     |                                       |                                         |  |
| <input type="checkbox"/> Crushing                                                                                                                                                                                                                                                                                                                                                   | <input type="checkbox"/> BOM/Route                       | <input type="checkbox"/> Grain Direction                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <input type="checkbox"/> Drawing           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                     |  |                                          |                                        |                                           |                                           |                                  |                                                |                                        |                                            |                                   |                                    |                                          |                                  |                                 |                                               |                               |                                 |                                                       |                                                          |                                             |                                            |                                        |                                      |                                          |                                  |                                     |                                       |                                         |  |
| <input type="checkbox"/> Cracks                                                                                                                                                                                                                                                                                                                                                     | <input type="checkbox"/> Broken/Damage/Defect            | <input type="checkbox"/> Weld                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <input type="checkbox"/> Finish            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                     |  |                                          |                                        |                                           |                                           |                                  |                                                |                                        |                                            |                                   |                                    |                                          |                                  |                                 |                                               |                               |                                 |                                                       |                                                          |                                             |                                            |                                        |                                      |                                          |                                  |                                     |                                       |                                         |  |
| <input type="checkbox"/> Crimp/Kink/Ripple/Wave/Twist                                                                                                                                                                                                                                                                                                                               | <input type="checkbox"/> Incomplete/Unclear Instructions | <input type="checkbox"/> Wrong Stock Pulled                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <input type="checkbox"/> Part Lost/Missing |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                     |  |                                          |                                        |                                           |                                           |                                  |                                                |                                        |                                            |                                   |                                    |                                          |                                  |                                 |                                               |                               |                                 |                                                       |                                                          |                                             |                                            |                                        |                                      |                                          |                                  |                                     |                                       |                                         |  |
| <input type="checkbox"/> Marks/Chatter                                                                                                                                                                                                                                                                                                                                              | <input type="checkbox"/> Drill Holes                     | <input type="checkbox"/> Out of Sequence                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <input type="checkbox"/> Misread           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                     |  |                                          |                                        |                                           |                                           |                                  |                                                |                                        |                                            |                                   |                                    |                                          |                                  |                                 |                                               |                               |                                 |                                                       |                                                          |                                             |                                            |                                        |                                      |                                          |                                  |                                     |                                       |                                         |  |
| <input type="checkbox"/> Mislabeled                                                                                                                                                                                                                                                                                                                                                 | <input type="checkbox"/> Fit/Function                    | <input type="checkbox"/> Off-set/Set-up                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                     |  |                                          |                                        |                                           |                                           |                                  |                                                |                                        |                                            |                                   |                                    |                                          |                                  |                                 |                                               |                               |                                 |                                                       |                                                          |                                             |                                            |                                        |                                      |                                          |                                  |                                     |                                       |                                         |  |
|                                                                                                                                                                                                                                                                                                                                                                                     |                                                          | <b>Other/Details:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                     |  |                                          |                                        |                                           |                                           |                                  |                                                |                                        |                                            |                                   |                                    |                                          |                                  |                                 |                                               |                               |                                 |                                                       |                                                          |                                             |                                            |                                        |                                      |                                          |                                  |                                     |                                       |                                         |  |



**Container No: S179256**



**Part: D4812-041**

**Job No: 190945**

**Serial No/Batch: S179256**

**Revision:**

**Inspector:**

**Exp Date:**

**Instructions: Various STC's**

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**Date: 05/08/19**

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